Cancelling M. D. P. U. No. 945

MASSACHUSETTS ELECTRIC COMPANY

RESIDENTIAL REGULAR R-1 RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for church and farm purposes. The Company may under unusual circumstances permit more than one set of living quarters to be served through one meter under this rate, but if so, the Customer Charge shall be multiplied by the number of separate living quarters so served. A church and adjacent buildings owned and operated by the church may be served under this rate, but any such buildings separated by public ways must be billed separately.

Customers whose average monthly usage for the previous 12 months exceeds 2500 KWH per month may elect delivery service on rate R-4, subject to the availability of the appropriate metering equipment.

MONTHLY CHARGE

The Monthly Charge will be the sum of the applicable Customer and kWh Charges, less the applicable Interruptible Credit, if any:

Rates for Retail Delivery Service

Customer Charge	\$5.81
Wires Charge per kWh	6.107¢
Rate for Standard Offer Service	
Standard Offer Service Charge per kWh (Optional)	2.800¢

Interruptible Credits

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

Control hrs./day		Credit
IC-1	6	\$5.50
IC-2	16	\$7.50

RESIDENTIAL REGULAR R-1 RETAIL DELIVERY SERVICE

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

MINIMUM CHARGE

The monthly minimum charge shall be the monthly Customer Charge.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. For the first year after the retail access date, if the Customer has selected a supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company within 90 days of the date when the Customer began to purchase electricity from the other supplier. Otherwise, the Customer who has selected another supplier is not eligible for Standard Offer Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

RESIDENTIAL REGULAR R-1 RETAIL DELIVERY SERVICE

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier, is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge, the Interruptible Credits, and the Minimum Charge shall be multiplied by two.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time where not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D. P. U. No. 946

MASSACHUSETTS ELECTRIC COMPANY

RESIDENTIAL-LOW INCOME R-2 RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service under this rate is available only to currently qualified customers for all domestic purposes in an individual private dwelling or an individual apartment, providing such customer meets both of the following criteria:

- 1. Must be the head of a household or principal wage earner.
- 2. Must be presently receiving Supplemental Security Income from the Social Security Administration; one of the following from the Massachusetts' Department of Public Welfare: Medicaid, Food Stamps, General Relief or Aid to Families with Dependent Children; Low Income Heating Energy Assistance Program (LIHEAP) from a certified Community Action Program Agency; or Veteran's Service Benefits (Chapter 115) from the Commonwealth of Massachusett's Veteran Services Administration.

It is the responsibility of the customer to annually certify, by forms provided by the utility, the continued compliance with the foregoing qualifications.

The Company may under unusual circumstances permit more than one set of living quarters to be served through one meter under this rate, but if so, the Customer Charge shall be multiplied by the number of separate living quarters so served.

MONTHLY CHARGE

The Monthly Charge will be the sum of the applicable Customer and kWh Charges, less the applicable Interruptible Credit, if any:

Rates for Retail Delivery Service

Customer Charge	\$3.77
Wires Charge per kWh	3.989¢
Rate for Standard Offer Service	
Standard Offer Service Charge per kWh (Optional)	2.800¢

RESIDENTIAL-LOW INCOME R-2 RETAIL DELIVERY SERVICE

Interruptible Credits

If the Customer has installed an electric water heater of a type approved by the Company, and permits the Company to control the operation of the water heater for the specified number of hours per day and during emergency situations, the Customer will receive the following credit each month:

	Control hrs./day	Credit
IC-1	6	\$5.50
IC-2	16	\$2.62 \$7.50

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

MINIMUM CHARGE

The monthly minimum charge shall be the monthly Customer Charge.

RESIDENTIAL-LOW INCOME R-2 RETAIL DELIVERY SERVICE

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. For the first year after the retail access date, if the Customer has selected a supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company within 90 days of the date when the Customer began to purchase electricity from the other supplier. Otherwise, the Customer who has selected another supplier is not eligible for Standard Offer Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

SAFETY NET SERVICE

The Company shall arrange to provide electric supply for low-income customers who are no longer eligible to receive Standard Offer Service and are unable to obtain or retain electric service from competitive power suppliers. Service under this provision shall be made available at prices, terms and conditions approved by the Department.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge, the Interruptible Credits and the Minimum Charge shall be multiplied by two.

RESIDENTIAL-LOW INCOME R-2 RETAIL DELIVERY SERVICE

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M.D.P.U. No. 947

MASSACHUSETTS ELECTRIC COMPANY

RESIDENTIAL - TIME-OF-USE (OPTIONAL) R-4 RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service under this rate is available for all domestic purposes in an individual private dwelling or an individual apartment and for church and farm purposes. For customers requiring special and complex metering for service, the availability of this rate will be subject to the Company's ability to render such service.

The Company may due to limitations of space, considerations of safety or an existing condition of the premises affecting the delivery of electric service, permit more than one dwelling unit to be served through one meter under this rate, but if so, the Customer Charge shall be multiplied by the number of dwelling units so served. A church and adjacent buildings owned and operated by the church may be served under this rate, but any such buildings separated by public ways must be billed separately.

Any residential customer whose average usage exceeds 2500 KWH/month for a 12 month period may elect delivery service under this rate effective with installation of appropriate metering.

The actual delivery of service and rendering of bills under this rate is contingent upon the installation of the necessary time-of-use metering equipment by the Company; subject to both the availability of such meters from the Company's supplier and the conversion or installation procedures established by the Company. Until service can be provided under this rate, the customer shall take delivery service under Rate R-1.

MONTHLY CHARGE

The Monthly Charge will be the sum of the applicable Customer, Additional Metering and kWh Charges.

Rates for Retail Delivery Service

Customer Charge	\$19.00	
Wires Charge per kWh		
Peak Hours Use	12.366¢	
Off-Peak Hours Use	2.319¢	
Rate for Standard Offer Service		
Standard Offer Service Charge per kWh (Optional)	2.800¢	

RESIDENTIAL - TIME-OF-USE (OPTIONAL) R-4 RETAIL DELIVERY SERVICE

Metering Charges

New customers requiring special or complex metering for service shall pay a Metering Charge determined on an individual customer basis.

PEAK AND OFF-PEAK PERIODS

Peak hours will be from 8:00 A.M. to 9:00 P.M. daily on Monday through Friday, excluding holidays.

Off-Peak hours will be from 9:00 P.M. to 8:00 A.M. daily Monday through Friday, and all day on Saturdays, Sundays and holidays.

The Company reserves the right to change these peak and off-peak hours, but in no case will the off-peak hours be less than eleven hours per day.

The holidays will be: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

RESIDENTIAL - TIME-OF-USE (OPTIONAL) R-4 RETAIL DELIVERY SERVICE

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service and any Metering Charges. For the first year after the retail access date, if the Customer has selected a supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company within 90 days of the date when the Customer began to purchase electricity from the other supplier. Otherwise, the Customer who has selected another supplier is not eligible for Standard Offer Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge, any applicable Metering Charge, and the Minimum Charge shall be multiplied by two.

RESIDENTIAL - TIME-OF-USE (OPTIONAL) R-4 RETAIL DELIVERY SERVICE

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D. P. U. No. 948

MASSACHUSETTS ELECTRIC COMPANY

GENERAL SERVICE - SMALL COMMERCIAL AND INDUSTRIAL G-1 RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service under this rate is available for all purposes, subject to the provisions of this section. A new customer will begin service on this rate if the Company estimates that its average use will not exceed 10,000 kWh/month or 200 kW of demand. A Customer may be transferred from rate G-1 at its request or at the option of the Company if the customer's 12 month average monthly usage exceeds either 10,000 kWh/month or 200 kW of demand for 3 consecutive months.

A Municipality which owns and maintains streetlight fixtures served by underground conduit may take delivery service under the unmetered service provision of this rate if the Municipality signs an Underground Electric Service for Non-Conforming Streetlighting Contract with the Company for underground electric delivery service for streetlighting.

MONTHLY CHARGE

The Monthly Charge will be the sum of the applicable Customer or Location Service Charge, and the kWh Charges:

Rates for Retail Delivery Service

<u>Customer Charge</u> - applicable to metered service only. \$8.32 Location Service Charge - for unmetered service as defined below.

\$6.48

Wires Charge per kWh

7.435¢

Rate for Standard Offer Service

Standard Offer Service Charge per kWh (Optional) 2.800¢

GENERAL SERVICE - SMALL COMMERCIAL AND INDUSTRIAL G-1 RETAIL DELIVERY SERVICE

UNMETERED DELIVERY SERVICE

Unmetered delivery services are usually not permitted or desirable. However, the Company recognizes that there are certain instances where metering is not practical. Examples of such locations are telephone booths and fire box lights. The monthly bill generally will be computed by applying the rate schedule to a use determined by multiplying the total load in kilowatts by 730 hours. However, the energy use may be adjusted after tests of the unmetered equipment indicate lesser usage.

The kilowatthour use for underground electric service for streetlighting shall be determined according to the provisions of the Contract for the service.

When unmetered service is provided the Customer Charge will be waived and the Location Service Charge will be applied.

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

MINIMUM CHARGE

The monthly minimum charge will be the applicable monthly Customer Charge or Location Service Charge.

GENERAL SERVICE - SMALL COMMERCIAL AND INDUSTRIAL G-1 RETAIL DELIVERY SERVICE

However, if the KVA transformer capacity needed to serve a customer exceeds 25 KVA, the minimum charge will be increased by \$1.75 for each KVA in excess of 25 KVA.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. For the first year after the retail access date, if the Customer has selected a supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company within 90 days of the date when the Customer began to purchase electricity from the other supplier. Otherwise, the Customer who has selected another supplier is not eligible for Standard Offer Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier, is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the applicable Customer Charge or Location Service Charge, and the Minimum Charge shall be multiplied by two.

TERM OF SERVICE

Customers served under this rate must provide the Company with two years prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of October 1, 1993.

GENERAL SERVICE - SMALL COMMERCIAL AND INDUSTRIAL G-1 RETAIL DELIVERY SERVICE

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D. P. U. No. 949

MASSACHUSETTS ELECTRIC COMPANY

GENERAL SERVICE - DEMAND G-2 RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service under this rate is available for all purposes, subject to the provisions of this section. A new customer will begin delivery on this rate if the Company estimates that its average use will exceed 10,000 kWh/month, but not exceed 200 kW of Demand.

A Customer may be transferred from rate G-2 at its request if the customer's 12 month average monthly usage either (a) is less than 8,000 kWh/month or (b) exceeds 200 kW of Demand for 3 consecutive months. A Customer may be transferred at the option of the Company if the Customer's 12 month average usage either (a) is less than 8,000 kWh/month or (b) exceeds 200 kW of Demand for 3 consecutive months.

MONTHLY CHARGE

The Monthly Charge will be the sum of the applicable Customer Charge, kW Charges, and kWh Charges:

Rates for Retail Delivery Service

Customer Charge		\$15.23
Wires Demand Charge per kW	\$ 9.05	
Wires Energy Charge per kWh	2.675¢	
Rate for Standard Offer Service		
Standard Offer Service Charge per kV	Vh (Optional)	2.800¢

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

GENERAL SERVICE - DEMAND G-2 RETAIL DELIVERY SERVICE

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

DEFINITION OF DEMAND

- a) The greatest fifteen minute peak occurring during all hours, Peak and Off-Peak, within such a month as measured in kilowatts,
- b) 90% of the greatest fifteen minute peak occurring during all hours, Peak and Off-Peak, of such month as measured in kilovolt-amperes,
- c) 5 kilowatts

HIGH-VOLTAGE METERING ADJUSTMENT

The Company reserves the right to determine the metering installation. Where delivery service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1.0% will be allowed from the amount determined under the preceding provisions.

When the metering equipment is installed on the Customer's side of the transformers and the nameplate transformer rating is greater than 120 percent of the Customer's highest demand over the last twelve months, the Company may adjust the Kw, Kva, and Kwh meter registrations or adjust electronic meter program settings to compensate for unmetered transformer losses.

CREDIT FOR HIGH VOLTAGE DELIVERY

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts, and the Company is saved the cost of installing any transformer and associated equipment, a credit of 45 cents per kilowatt of billing demand for such month shall be allowed against the amount determined under the preceding provisions.

GENERAL SERVICE - DEMAND G-2 RETAIL DELIVERY SERVICE

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

MINIMUM CHARGE

The monthly Minimum Charge shall be the sum of the monthly Customer Charge, and Demand Charges.

TERM OF SERVICE

Customers served under this rate must provide the Company with two years prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of October 1, 1993.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D.P. U. No. 950

MASSACHUSETTS ELECTRIC COMPANY

TIME-OF-USE - G-3 RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service under this rate is available for all purposes, subject to the provisions of this section. A new customer will begin delivery service on this rate if the Company estimates that its average use will exceed 200 kW of Demand.

A Customer may be transferred from rate G-3 at its request if the customer's 12 month average monthly demand is less than 180 kW of Demand for 3 consecutive months. A Customer may be transferred from rate G-3 at the option of the Company if the Customer's 12 month average monthly demand is less than 180 kW of Demand for 3 consecutive months.

The actual delivery of service and the rendering of bills under this rate is contingent upon the installation of the necessary time-of-use metering equipment by the Company; subject to both the availability of such meters from the Company's supplier and the conversion or installation procedures established by the Company.

All customers served on this rate must elect to take their total electric delivery service under the time-of-use metering installation as approved by the Company. If delivery is through more than one meter, except at the Company's option, the Monthly Charge for service through each meter shall be computed separately under this rate.

MONTHLY CHARGE

The Monthly Charge will be the sum of the applicable Customer, Demand and Energy Charges.

\$67.27

2.318¢

Rates for Retail Delivery Service

Customer Charge

<u>Customer Charge</u>	Ψ07.27	
Wires Demand Charge per kW	\$ 8.89	
Wires Energy Charge per kWh Peak Hours Use		3.552¢

Off-Peak Hours Use

TIME-OF-USE - G-3 RETAIL DELIVERY SERVICE

Rate for Standard Offer Service

Standard Offer Service Charge per Kwh (Optional) 2.800¢

PEAK AND OFF-PEAK PERIODS

Peak hours will be from 8:00 A.M. to 9:00 P.M. daily on Monday through Friday, excluding holidays.

Off-Peak hours will be from 9:00 P.M. to 8:00 A.M. daily Monday through Friday, and all day on Saturdays, Sundays, and holidays.

The Company reserves the right to change these peak and off-peak hours, but in no case will the off-peak hours be less than eleven hours per day.

The holidays will be: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day. All holidays will be the nationally observed day.

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

TIME-OF-USE - G-3 RETAIL DELIVERY SERVICE

DETERMINATION OF DEMAND

- a) The greatest fifteen minute peak occurring during all hours, Peak and Off-Peak, within such a month as measured in kilowatts,
- b) 90% of the greatest fifteen minute peak occurring during all hours, Peak and Off-Peak, of such month as measured in kilovolt-amperes.

HIGH-VOLTAGE METERING ADJUSTMENT

The Company reserves the right to determine the metering installation. Where delivery service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1.0% will be allowed from the amount determined under the preceding provisions.

When the metering equipment is installed on the Customer's side of the transformers and the nameplate transformer rating is greater than 120 percent of the Customer's highest demand over the last twelve months, the Company may adjust the Kw, Kva, and Kwh meter registrations or adjust electronic meter program settings to compensate for unmetered transformer losses.

CREDIT FOR HIGH VOLTAGE DELIVERY

If the Customer accepts delivery at the Company's supply line voltage, not less than 2400 volts, and the Company is saved the cost of installing any transformer and associated equipment, a credit of 45 cents per kilowatt of the billing Demand for such month shall be allowed against the amount determined under the preceding provisions.

An <u>additional</u> credit of \$2.14 per kilowatt of the billing Demand for such month shall also be allowed if said customer accepts delivery at not less than 115,000 volts, and the Company is saved the cost of installing any transformer and associated equipment.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service.

TIME-OF-USE - G-3 RETAIL DELIVERY SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

TERM OF SERVICE

Customers served under this rate must provide the Company with two years prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of October 1, 1993.

SERVICE EXTENSION DISCOUNT AGREEMENTS

Customers who signed a Service Extension Discount agreement prior to the date of retail access have agreed to provide the Company with five years prior written notice before installing or allowing to be installed a non-emergency generator for its use with a nameplate capacity greater than that in place on the Customer's location as of October 1, 1993. This notice shall be deemed to have been given on the effective date of this rate.

Any Customer giving notice under its service agreement of its intent to install or to allow to be installed such a non-emergency generator shall have the option to shorten the notice period to three years by repaying 120 percent of all Service Extension Discounts received from the Company over the prior two years and the Company shall credit the repayments to the fund established to pay Environmental Response Costs pursuant to the Offer of Settlement approved by the Department effective December 1, 1993.

TIME-OF-USE - G-3 RETAIL DELIVERY SERVICE

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D. P. U. No. 958

MASSACHUSETTS ELECTRIC COMPANY

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

AVAILABILITY

Street Lighting Service is available under this rate to any Customer in accordance with the qualifications and the specifications hereinafter set forth:

- 1. For municipally-owned or accepted roadways, which includes those classified as "private ways", for which a municipality has agreed to supply street lighting service.
- 2. For municipally-owned or accepted parking lots, driveways, and park walkways, if served through overhead conductors. Underground delivery service to these areas is available where underground secondary conductors exist or can be installed as a part of, and in conjunction with an underground distribution system. Such equipment must be accessible to Company motorized equipment. However, if the foregoing conditions for underground connected lighting do not, or will not exist, then such lighting may be installed by the Company under the condition that the Customer provide the trenching and backfilling necessary for the installation of conduit and/or conductors and pole foundations if required.
- 3. Security lighting service is available under this rate to any Customer where the necessary fixtures can be supported on Company's existing poles and where such service can be supplied directly from existing secondary voltage circuits. Where the necessary fixtures cannot be supported on existing poles, wood poles may be furnished in place in accordance with the schedule of Pole Charges listed below under Section B provided no such pole is more than one span from an existing overhead secondary facility.
- 4. Service under this rate is contingent upon Company ownership and maintenance of street lighting equipment.
- 5. Service under this rate is not available for limited access highways and the access and egress ramps thereto.
- 6. Charges for the operation of street lighting equipment will be given special consideration when such equipment is installed in locations or under conditions such that the estimated income will be insufficient to justify the estimated cost of construction.

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

RATE

A. <u>Luminaire Charge</u>:

Incandescent*				
			Annual	Annual
Lumen Rating	Wattage	Code	kWh	\$/Unit
1,000*	103	(10)	440	\$69.84
2,500*	202	(11)	845	97.20
6,000*	448	(13)	1,872	153.00
10,000*	690	(14)	2,591	187.56
Mercury Vapor				
Streetlights				
4,000*	100	(03)	561	74.28
8,000*	175	(04)	908	92.88
11,000*	250	(16)	1,248	122.52
22,000*	400	(05)	1,897	168.24
63,000*	1000	(06)	4,569	341.64
Post Top				
4,000**	100	(01)	561	84.24
8,000**	175	(02)	908	118.44
Floodlights				
22,000*	400	(23)	1,897	188.16
63,000*	1000	(24)	4,569	383.04

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

Sodium Vapor

Lumen Rating	Wattage	Code	Annual <u>kWh</u>	Annual \$/Unit
4,000	50	(70)	248	\$71.04
5,800*	70	(71)	349	87.72
9,600	100	(72)	490	96.96
13,000 (Ret)*	150	(41)	758	109.56
16,000	150	(73)	714	110.16
27,500	250	(74)	1,284	151.20
50,000	400	(75)	1,968	216.72
140,000*	1000	(76)	4,578	361.08
<u>Floodlights</u>				
27,500	250	(77)	1,255	205.44
50,000	400	(78)	1,968	253.56
140,000*	1,000	(80)	4,578	411.36
Post Top				
4,000**	50	(83)	248	77.04
9,600	100	(79)	490	90.60
Wallighter				
27,500 (12 Hr.)	250	(81)	1,314	174.12
27,500 (24 Hr.)	250	(82)	2,628	209.28

^{*} No further installation or relocation of this size light after the effective date of this rate.

In conformance with the American Standards Association roadway lighting practice, the mounting height of the luminaires as coded shall be no lower than the following nominal heights.

^{**} Post top luminaires will only be permitted in underground development areas.

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

Code 01, 02, and 79, 83

- Nominal 13 ft. mounting height, Post Top
Code 03, 04, 11, 41, 70, 71,
72, & 77

- Nominal 25 ft. mounting height
Code 05, 06, 73, 74, & 78

- Nominal 30 ft. mounting height
- Nominal 35 ft. mounting height

B. Pole and Accessory Charge:

An additional annual charge as enumerated below in the schedule of pole prices will be applied to the foregoing charges for the luminaire stated in Section A where the Company is requested to furnish a suitable pole, for the sole purpose of supporting a luminaire. If at a future date the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated.

Overhead Service

Mounting Height	Code	Annual \$/Unit
15.1	(T)	
Wood Poles	(P)	\$46.56
Charge for Shared Pole	(A)	23.28
Underground Service		
Non-Metalic		
Fiberglass without Base	(R)	54.84
Fiberglass with Base <25 ft.	(C)	114.36
Fiberglass with Base =>25 ft.	(D)	191.16
Metal Poles		
(Embedded)	(F)	55.56
(With Foundation)	(T)	142.56
(Shared Pole Chrg)	(H)	71.28

Rate For Retail Delivery Service:

Wires Charge per kWh

\$0.00178

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

Rate for Standard Offer Service:

Standard Offer Service Charge per kWh \$0.02800/kWh

TOTAL STREETLIGHT BILL:

The monthly streetlight bill shall consist of the service and maintenance cost per unit (with pole charge if applicable) plus Delivery Charge per kWh plus Standard Offer Charge per kWh (if applicable).

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge determined under this rate shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the service and maintenance cost per unit (with pole charge if applicable) and the Rate for Retail Delivery Service.

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

HOURS OF OPERATION

All street lights will be operated every night from approximately one-half hour after sunset until approximately one-half hour before sunrise, a total of approximately 4,175 hours each year.

PAYMENTS

One-twelfth of the annual price including such adjustments herein specified will be billed each and every month beginning with the month next following the month in which service is rendered.

RELAMPING

All lamps will be spot replaced on burnout. The Customer is responsible for notifying the Company of lamp outages.

FAILURE OF LIGHTS TO BURN

Should any light or lights fail to burn the full period provided therefore, except as hereinafter specified, a deduction will be made from the luminaire price of such light or lights, upon presentation of a claim therefor from the Customer, equivalent to such part of the annual price thereof as is equal to the ratio that the time of any outage bears to the annual burning time of such light or lights. The provisions of this paragraph will apply only if such failure is due to some cause or condition which might reasonably have been prevented by the Company and without limiting the generality of the foregoing will not apply in case such failure is due to an act of God or an act or order of any public authority or accidental or malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch upon notification by the Customer.

STREET AND SECURITY LIGHTING - COMPANY OWNED EQUIPMENT S-1 RETAIL DELIVERY SERVICE

EXCESSIVE DAMAGE

Excessive damage due to wanton or malicious acts will be charged to the Customer at the actual cost of labor and material required to repair or replace the unit. Excessive damage is defined as a pole, lamp, fixture or conductors being broken or damaged more than once a year. Notification of excessive damage will be made to the Customer by the Company prior to billing for repairs.

TERM OF AGREEMENT

Two years. Upon expiration of the initial or any subsequent period of any agreement, it will continue for additional periods of one year unless, at least six months prior to such expiration, either party has given to the other written notice that it desires to have the agreement terminate at such expiration date.

DISCONTINUANCE OF LIGHTS

A Customer may not discontinue, during any calendar year, lights in excess of one percent of the maximum number of each type and size of lights in service at any time during such calendar year, unless the discontinued lights in excess of one percent are replaced by such number of other types of lights wherein the Company owns and maintains such lights as may be mutually agreed upon, or the Customer agrees to pay the Company an amount equal to the unamortized balance of the original installation cost of each light in excess of one percent.

CONTINUANCE OF SERVICE AT REQUEST OF PRIVATE PARTY

A street light which a city or town or developer has requested the Company to discontinue, may be retained in or restored to service at the request of an individual customer of the Company who owns or occupies adjacent premises, provided that (1) the street light fixture is still in place, (2) the customer agrees in writing to pay for the service on a monthly basis at one-twelfth of the applicable annual price, and (3) the Company receives payment of the \$25.00 reactivation charge, if the light has been disconnected. The customer may terminate the agreement at any time, after 30 days' notice in writing to the Company. Upon such notice, if the city or town does not accept responsibility for payment, the Company will disconnect the light.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where applicable hereto and not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D. P. U. No. 959

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - OVERHEAD - CUSTOMER-OWNED EQUIPMENT S-2 RETAIL DELIVERY SERVICE

AVAILABILITY

Street Lighting Service is available under this rate for street lighting installations owned by any city or town or other public authority, hereinafter referred to as the Customer, pursuant to an agreement to be entered into by the Customer and the Company and in accordance with the qualifications and the specifications hereinafter set forth:

- 1. For municipally-owned or accepted roadways, including those classified as "private ways" for which a municipality has agreed to supply street lighting service.
- 2. For municipally-owned or accepted parking lots, driveways, and park walkways, if served through overhead conductors where such equipment is accessable to company motorized equipment.
- 3. For the installation of Customer owned lighting equipment on existing Company overhead distribution systems. All installations will be made by the Company or its agent.
- 4. To private contractors for street lighting installations for streets which have not yet been accepted by the municipality, where the contractor has furnished written proof of the approval of such street lighting plan by the municipality.
- 5. Not for limited access highways and the access and egress ramps thereto.

This rate is available for overhead service only, and only for street lighting equipment within a geographic area, the minimum area being an entire street.

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate shall be adjusted from time to time in the manner provided in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

STREET LIGHTING - OVERHEAD - CUSTOMER-OWNED EQUIPMENT S-2 RETAIL DELIVERY SERVICE

ACCESS COST AJUSTMENT

The Wires Charge under this rate shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth below in addition to the service and maintenance cost per unit (with pole charge if applicable) and the Rate for Retail Delivery Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

INSTALLATION, REMOVAL OR REPLACEMENT CHARGE

The Company will charge \$80 per fixture (bracket, luminaire, conductors, ancillary equipment) each time a fixture or its separate components are installed, removed or replaced unless the installation, removal or replacement is at the convenience of the Company. If the

STREET LIGHTING - OVERHEAD - CUSTOMER-OWNED EQUIPMENT S-2 RETAIL DELIVERY SERVICE

installation, removal and replacement of a luminaire is done at the same time, resulting in one site visit, the Customer will be charged \$80. If the removal, replacement and installation are done at two different times resulting in two site visits, the Customer will be charged \$80 for the removal and \$80 for the replacement/installation.

RELOCATION CHARGE

\$100 per luminaire will be charged if the Customer desires to relocate the luminaire onto another pole.

SERVICE AND MAINTENANCE CHARGE

The Company will undertake such service and maintenance of lamps and photocells of Company-approved Customer-owned street light equipment at the following rates:

Sodium Vapor

Lumen Rating	Wattage	Code	Annual <u>kWh</u>	Annual \$/Unit
Streetlights				
4,000	50	100	248	\$33.88
5,800	70	101	349	39.60
9,600	100	102	490	46.96
16,000	150	104	714	58.35
27,500	250	105	1,284	87.84
50,000	400	106	1,968	123.65
140,000	1,000	107	4,578	282.46
Floodlights				
27,500	250	108	1,255	101.83
50,000	400	109	1,968	138.41
Wallighter				
27,500 (12 Hr.)	250	111	1,314	88.17
27,500 (24 Hr.)	250	112	2,628	155.70

STREET LIGHTING - OVERHEAD - CUSTOMER-OWNED EQUIPMENT S-2 RETAIL DELIVERY SERVICE

Mercury Vapor

Lumen Rating	Wattage	Code	Annual kWh	Annual \$/Unit	
Streetlights					
4,000	100	113	561	\$43.94	
8,000	175	114	908	61.73	
22,000	400	115	1,897	113.23	
63,000	1000	116	4,569	253.60	
<u>Floodlights</u>					
22,000	400	117	1,897	123.19	
63,000	1,000	118	4,569	263.56	

Rate for Retail Delivery Service:

Wires Charge per kWh

\$0.00178/kWh

Rate for Standard Offer Service (Optional):

Standard Offer Service Charge per kWh \$0.02800/kWh

POLE AND ACCESSORY CHARGE:

An additional annual charge, as enumerated below in the schedule of pole prices, will be applied where the Company is requested to furnish a suitable pole for the sole purpose of supporting a luminaire. If, at a future date, the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated.

Overhead Service

		Annual
Mounting Height	Code	\$/Unit
Wood Poles		
25' - 30'	(P)	\$46.61

TOTAL STREETLIGHT BILL:

The monthly streetlight bill shall consist of the service and maintenance cost per unit (with pole charge if applicable) plus Delivery Charge per kWh plus Standard Offer Charge per kWh (if applicable).

STREET LIGHTING - OVERHEAD - CUSTOMER-OWNED EQUIPMENT S-2 RETAIL DELIVERY SERVICE

One-twelfth of the annual price for service, maintenance and poles, including such adjustments herein specified, will be billed each and every month beginning with the month following the month in which service is rendered.

FAILURE OF LIGHTS TO BURN

Should any light or lights fail to burn the full period provided therefore, except as hereinafter specified, a deduction will be made from the energy price of such light or lights, upon presentation of a claim therefore from the Customer, equivalent to such part of the annual price thereof as is equal to the ratio that the time of any outage bears to the annual burning time of such light or lights. The provisions of this paragraph will apply only if such failure is due to some cause or condition which might reasonably have been prevented by the Company and, without limiting the generality of the foregoing, will not apply in cases when such failure is due to an act of God, an act or order of any public authority, or accidental or malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch upon notificaton by the Customer.

EQUIPMENT

The customer shall be responsible for specifying a particular type and size (Lumen rating) of light from the list contained in Section E of this tariff. All equipment shall be of utility grade and shall conform to the standards set forth by the Company. The Company reserves the right to refuse to install any equipment which, in its opinion, does not conform to its standards.

DEFECTIVE AND/OR DAMAGED EQUIPMENT

The Company shall maintain, repair and replace the photocells and lamps at no cost to the Customer. At the Customer's request, the Company will install, replace or remove the bracket, conductors, luminaires and ancillary equipment. The Customer is responsible for providing the Company with the necessary equipment other than the lamps and photocells for installation, replacement or removal. The Customer is also responsible for the \$80 labor charges for the installation, replacement or removal of the equipment. Excessive damage due to wanton or malicious acts will be charged to the Customer at a cost of \$80 per light. The Customer is responsible for providing the material required to repair or replace the unit in those instances of excessive damage. Excessive damage is defined as a pole, lamp, or photo cell which has been broken or damaged more than once a year. Notification of excessive damage will be made to the Customer by the Company prior to billing for repairs.

STREET LIGHTING - OVERHEAD - CUSTOMER-OWNED EQUIPMENT S-2 RETAIL DELIVERY SERVICE

RE-LAMPING

All lamps will be spot replaced on burnout. The customer is responsible for notifying the Company of lamp outages.

CREW PROTECTION

The Customer is responsible for the cost of providing the Crew Protection as and when needed, at the time when installation, replacement or relocation of a lamp or pole is done.

PHOTO CELLS

Defective photo cells will be replaced at no extra charge.

NOTIFICATION

The Customer will give six months written advance notification of requests for installation, relocation, or removal of lights.

TERM OF AGREEMENT

Five years. After five years have passed the agreement will be automatically renewed until such time as one party notifies the other party, in writing, that it intends to terminate the agreement. Notice must be given six months prior to the date on which the agreement would otherwise be automatically extended.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where applicable hereto and not inconsistent with any specific provisions hereof, are a part of this rate.

Cancelling M. D. P. U. No. 960

MASSACHUSETTS ELECTRIC COMPANY

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

AVAILABILITY

Service is available under this rate to any city, town or other public authority hereinafter referred to as the Customer, only for street lighting installations served by underground conductors, and involving a division of ownership and service as set forth under Option A, or Customer ownership and Company service as set forth under Option B, and in accordance with the following qualifications:

Qualifications

- 1. For municipally-owned or accepted roadways, which includes those classified as "private ways" for which a municipality has agreed to supply street light service.
- 2. For municipally-owned or accepted parking lots, driveways, and park walkways.
- 3. Customer-owned installations must be compatible with adjacent company-owned equipment and be in accordance with Company specifications.
- 4. This rate is not available for limited access highways and the access and egress ramps thereto.
- 5. Option B is available to a contractor, developer or association of customers, wherein the municipality has not agreed to accept responsibility for future payment of such lights.

Options

- A. Under this option the Customer agrees to install, own, and maintain all foundations on which the Company will set its poles and luminaires, and all conduit in which the Company will run its wiring.
- B. Under this option the Customer agrees to install and own all equipment necessary for an underground served street lighting installation, and requests the Company to provide electricity for light operation and service for certain portions of the equipment.

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

Rate Under Option A - for divided ownership and service

I. Luminaires

Mercury Vapor

	Annual	Annual	
Code	kWh	\$/Unit	
(01)	561	\$91.80	
(02)	908	97.92	
(03)	561	71.28	
(04)	908	92.64	
(05)	1,897	170.16	
(06)	4,569	354.36	
(70)	248	54.00	
(72)	490	65.88	
(83)	248	66.12	
(79)	490	77.28	
(74)	1,284	114.48	
(75)	1,968	170.64	
(76)	4,578	352.68	
	(01) (02) (03) (04) (05) (06) (70) (72) (83) (79) (74) (75)	Code kWh (01) 561 (02) 908 (03) 561 (04) 908 (05) 1,897 (06) 4,569 (70) 248 (72) 490 (83) 248 (79) 490 (74) 1,284 (75) 1,968	Code kWh \$/Unit (01) 561 \$91.80 (02) 908 97.92 (03) 561 71.28 (04) 908 92.64 (05) 1,897 170.16 (06) 4,569 354.36 (70) 248 54.00 (72) 490 65.88 (83) 248 66.12 (79) 490 77.28 (74) 1,284 114.48 (75) 1,968 170.64

In conformance with the American Standards Association roadway lighting practice, the mounting height of the luminaires as coded will be no lower than the following nominal heights:

Code 01 and 02 - Nominal 13 ft. mounting height, Post Top

Code 03, 04, 70 and 72 - Nominal 25 ft. mounting height Code 05, 06, 74 and 75 - Nominal 30 ft. mounting height Code 76 - Nominal 35 ft. mounting height

* No further installation or relocation of this type light will be made after the effective date of this rate.

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

II. New Pole Installations

An additional annual charge as enumerated below in the schedule of pole prices will be applied to the foregoing charge for the luminaire stated in Section I where the Company is requested to furnish, install, and connect a metal pole to the Customer's installed foundation and/or conduit.

Non Metallic		Annual
Poles	Code	\$/Unit
All	(Y)	\$57.00
Metal Poles		
All	(Z)	\$125.64

Rate Under Option B- for Customer-owned installations where the Company supplies only electricity and service subject to the service provisions hereinafter stated.

I. Luminaires

Mercury Vapor	Code	Annual kWh	Annual \$/Unit
4,000 lumen 100 watt	(30)	561	\$33.60
8,000 lumen 175 watt	(31)	908	52.80
22,000 lumen 400 watt*	(33)	1,897	110.64
Sodium Vapor			
4,000 lumen 50 watt	(53)	248	\$25.32
5,800 lumen 70 watt*	(51)	349	31.92
9,600 lumen 100 watt	(52)	490	39.72
27,500 lumen 250 watt	(36)	1,284	79.80
50,000 lumen 400 watt	(37)	1,968	121.92
140,000 lumen 1000 watt*	(38)	4,578	286.80

^{*} No further installation or relocation of this type or size light will be made after the effective date of this rate.

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

Rate for Retail Delivery Service:

Wires Charge per kWh

\$0.00178/kWh

Rate for Standard Offer Service (Optional):

Charge per kWh \$0.02800/kWh

TOTAL STREETLIGHT BILL:

The monthly streetlight bill shall consist of the service and maintenance cost per unit (with pole charge if applicable) plus Delivery Charge per kWh plus Standard Offer Charge per kWh (if applicable).

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge determined under this rate shall be adjusted from time to time in the manner provided in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

II. Service Provisions

The Company will undertake such service and maintenance of Company-approved Customer-owned street light equipment according to the following schedule:

1. Re-Lamping

All lamps will be spot replaced on burnout. The customer is responsible for notifying the Company of lamp outages.

2. Cleaning

All fixtures will be cleaned at intervals concurrent with re-lamping.

3. Photo Cells

Defective photo cells will be replaced as part of the service program at no extra charge.

4. <u>Defective and/or Damaged Equipment</u>

Equipment included for replacement by the Company will be photo cells, and lamps.

Luminaires, poles and brackets damaged by accident or vandalism will be replaced by the Customer and re-installed by the Company but only where such equipment is compatible and/or interchangeable with Company-owned equipment.

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

Foundations, ducts, and wiring within underground ducts, and such other equipment as is not compatible or inter-changeable with Company-owned equipment must be repaired or replaced by the Customer.

5. Crew Protection

The Customer will provide its own crew protection against traffic conditions.

Conditions

The following conditions apply to each option as noted.

Special Equipment - (Option B)

Types of luminaires or poles desired by a customer which are not included in the Company's Standards, will be considered as special. Before such equipment will be considered for use, it must meet all Company's Standards' requirements. If such equipment is then approved, the annual rate will be determined according to filed rates if possible, or if cost factors do not approximate filed rates, according to cost conditions existing at the time of installation.

The Company reserves the right of final decision on the use of special equipment.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the service and maintenance cost per unit (with pole charge if applicable) and the Rate for Retail Delivery Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

INSTALLATION, REMOVAL OR REPLACEMENT CHARGE

The Company will charge \$80 per fixture (bracket, luminaire, conductors, ancillary equipment) each time a fixture or its separate components are installed, removed or replaced unless the installation, removal, or replacement is at the convenience of the Company. If the installation, removal and

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

replacement of a luminaire is done at the same time, resulting in one site visit, the Customer will be charged \$80. If the installation, replacement/installation are done at two different times resulting in two site visits, the Customer will be charged \$80 for the removal and \$80 for the replacement/installation.

RELOCATION CHARGE

\$100 per luminaire will be charged if the Customer desires to relocate the luminaire onto another pole.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

Terms of Agreement - (Options A & B)

Five years unless otherwise specified. Upon expiration of the initial or any subsequent period of any agreement, unless otherwise specified, it will continue for additional periods of one year unless, at least six months prior to such expiration, either party has given to the other written notice that it desires to have the agreement terminate at such expiration date.

<u>Discontinuance of Lights</u> - (Option A)

The Customer may not discontinue, during any calendar year, lights in excess of one percent of the maximum number of each type of lights in service at any time during such year, unless such discontinued lights are replaced by such number of other types of lights as may be mutually agreed upon, or the Customer agrees to pay the Company an amount equal to the unamortized balance of the original installation cost.

Hours of Operation - (Options A & B)

All street lights will be operated every night from approximately one-half hour after sunset until approximately one-half hour before sunrise, a total of approximately 4175 hours each year.

STREET LIGHTING - UNDERGROUND - DIVISION OF OWNERSHIP S-3 RETAIL DELIVERY SERVICE

<u>Failure of Lights to Burn</u> - (Options A & B)

Should any light or lights fail to burn the full period provided therefor, except as hereinafter specified, a deduction will be made from the luminaire price of such light or lights, upon presentation of a claim therefor from the Customer, equivalent to such part of the annual price thereof as is equal to the ratio that the time of any outage bears to the annual burning time of such light or lights. The provisions of this paragraph will apply only if such failure is due to some cause or condition which might reasonably have been prevented by the Company and without limiting the generality of the foregoing will not apply in case such failure is due to an act of God or an act or order of any public authority or accidental or malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch upon notificaton by the Customer.

Excessive Damage - (Options A&B)

The Company shall maintain, repair and replace the photocells and lamps at no cost to the Customer. At the Customer's request, the Company will install, replace or remove the bracket, conductors, luminaires and ancillary equipment. The Customer is responsible for providing the Company with the necessary equipment other than the lamps and photocells for installation or replacement or removal. The Customer is also responsible for the \$80 labor charges for the installation, replacement or removal of the equipment. Excessive damage due to wanton or malicious acts will be charged to the Customer at a cost of \$80 per light. The Customer is responsible for providing the material required to repair or replace the unit in these instances of excessive damage. Excessive damage is defined as a pole, lamp, photo cell which has been broken or damaged more than once a year. Notification of excessive damage will be made to the Customer by the Company prior to billing for repairs.

Payments - (Options A & B)

One-twelfth of the annual price including such adjustments herein specified will be billed each and every month beginning with the month next following the month in which service is first rendered.

Terms and Conditions - (Options A & B)

The Company's Terms and Conditions in effect from time to time, where applicable hereto and not inconsistent with any specific provisions hereof, are a part of this rate.

Effective January 1, 1998

Cancelling M. D. P. U. No. 961

MASSACHUSETTS ELECTRIC COMPANY

SODIUM-VAPOR CONVERSION

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

AVAILABILITY

- 1. This rate is available to any Customer on Rate S-1 which agrees to convert all existing incandescent and mercury vapor source lights to sodium-vapor source lights. The agreement for such conversion is part of this rate.
- 2. Service under this rate is contingent upon Company ownership and maintenance of street lighting equipment.
- 3. Charges for the operation of street lighting equipment will be given special consideration when such equipment is installed in locations or under conditions such that the estimated income will be insufficient to justify the estimated cost of construction.

RATE

A. Charge:

Incandescent

Lumen Rating	Wattage	Code	Annual <u>kWh</u>	Annual <u>\$/Unit</u>	_
1,000	103	(10)	440	\$65.76	
2,500	202	(11)	845	53.88	
6,000	448	(13)	1,872	57.72	
10,000	690	(14)	2,591	36.60	

SODIUM-VAPOR CONVERSION

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

Mercury Vapor

	Lumen Rating	Wattage	<u>Code</u>	Annual <u>kWh</u>	Annual \$/Unit
	Streetlights				
	4,000	100	(03)	561	\$64.08
	8,000	175	(04)	908	87.36
	11,000	250	(16)	1,248	97.80
	22,000	400	(05)	1,897	131.88
	63,000	1000	(06)	4,569	139.44
	Post Top				
	4,000	100	(01)	561	70.08
	8,000	175	(02)	908	80.88
	Floodlights				
	22,000	400	(23)	1,897	186.60
	63,000	1000	(24)	4,569	176.52
Sodium Vapo	<u>or</u>				
	Streetlights				
	4,000	50	(70)	248	\$71.04
	5,800	70	(71)	349	87.72
	9,600	100	(72)	490	96.96
	13,000(Ret)	150	(41)	758	109.56
	16,000	150	(73)	714	110.16
	27,500	250	(74)	1,284	151.20
	50,000	400	(75)	1,968	216.72
	140,000	1000	(76)	4,578	361.08

SODIUM-VAPOR CONVERSION

STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

Lumen Rating	Wattage	Code	Annual <u>kWh</u>	Annual \$/Unit
Floodlights				
27,500 50,000 140,000	250 400 1,000	(77) (78) (80)	1,255 1,968 4,578	\$205.44 253.56 411.36
Post Top				
4,000 9,600	50 100	(83) (79)	248 490	77.04 90.60
Wallighter				
27,500 (12 Hr.) 27,500 (24 Hr.)	250 250	(81) (82)	1,314 2,628	174.12 209.28

In conformance with the American Standards Association roadway lighting practice, the mounting height of the luminaires as coded shall be no lower than the following nominal heights.

Code 01, 02, and 79, 83 - Nominal 13 ft. mounting height, Post Top Code 03, 04, 11, 41, 70, 71,

72, & 77

Code 05, 06, 73, 74, & 78

Code 76

- Nominal 25 ft. mounting height
- Nominal 30 ft. mounting height
- Nominal 35 ft. mounting height

B. Pole and Accessory Charge:

An additional annual charge as enumerated below in the schedule of pole prices will be applied to the foregoing charges for the luminaire stated in Section A where the Company is requested to furnish a suitable

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STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

pole, for the sole purpose of supporting a luminaire. If at a future date the pole is used for any purpose approved by the Company in addition to supporting a street and/or floodlight luminaire, the pole charge will be terminated.

Overhead Service

Mounting Height	<u>Code</u>	Annual \$/Unit
Wood Poles Shared Pole Charge	(P) (A)	\$46.56 23.28
<u>Underground Service</u>		
Non-Metalic		
Fiberglass Pole without Base	(R)	\$54.84
Fiberglass Pole with Base<25 ft.	(C)	114.36
Fiberglass Pole with Base =>25 ft.	(D)	191.16
Metal Poles		
(Embedded)	(F)	55.56
(With Foundation)	(T)	142.56
(Shared Pole Chrg)	(H)	71.28

Rate For Retail Delivery Service:

Wires Charge per kWh \$0.00178/kWh

Rate for Standard Offer Service (Optional):

Charge per kWh \$0.02800/kWh

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STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

TOTAL STREETLIGHT BILL:

The monthly streetlight bill shall consist of the service and maintenance cost per unit (with pole charge if applicable) plus Delivery Charge per kWh plus Standard Offer Charge per kWh (if applicable).

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge determined under this rate shall be adjusted from time to time in the manner provided in the Company's Transmission Service Cost Adjustment Provisions to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

HOURS OF OPERATION

All street lights will be operated every night from approximately one-half hour after sunset until approximately one-half hour before sunrise, a total of approximately 4,175 hours each year.

PAYMENTS

One-twelfth of the annual price including such adjustments herein specified will be billed each and every month beginning with the month next following the month in which service is rendered.

RELAMPING

All lamps will be spot replaced on burnout. The Customer is responsible for notifying the Company of lamp outages.

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STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

FAILURE OF LIGHTS TO BURN

Should any light or lights fail to burn the full period provided therefore, except as hereinafter specified, a deduction will be made from the luminaire price of such light or lights, upon presentation of a claim therefor from the Customer, equivalent to such part of the annual price thereof as is equal to the ratio that the time of any outage bears to the annual burning time of such light or lights. The provisions of this paragraph will apply only if such failure is due to some cause or condition which might reasonably have been prevented by the Company and without limiting the generality of the foregoing will not apply in case such failure is due to an act of God or an act or order of any public authority or accidental or malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch upon notification by the Customer.

EXCESSIVE DAMAGE

Excessive damage due to wanton or malicious acts will be charged to the Customer at the actual cost of labor and material required to repair or replace the unit. Excessive damage is defined as a pole, lamp, fixture or conductors being broken or damaged more than once a year. Notification of excessive damage will be made to the Customer by the Company prior to billing for repairs.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth below in addition to the service and maintenance cost per unit (with pole charge if applicable) and the Rate for Retail Delivery Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

BASIC SERVICE

Any Customer who has received service at their present location from a supplier other than the Company, and does not have a current supplier is not eligible to receive Standard Offer Service. In this case, a Customer will receive Basic Service from the Company in accordance with the terms and price for Basic Service as established by the Department of Public Utilities.

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STREET LIGHTING - COMPANY OWNED EQUIPMENT S-20 RETAIL DELIVERY SERVICE

TERM OF AGREEMENT

Five years. Upon expiration of the initial or any subsequent period of any agreement, it will continue for additional periods of one year unless, at least six months prior to such expiration, either party has given to the other written notice that it desires to have the agreement terminate at such expiration date.

DISCONTINUANCE OF LIGHTS

A Customer may not discontinue, during any calendar year, lights in excess of one percent of the maximum number of each type and size of lights in service at any time during such calendar year, unless the discontinued lights in excess of one percent are replaced by such number of other types of lights wherein the Company owns and maintains such lights as may be mutually agreed upon, or the Customer agrees to pay the Company an amount equal to the unamortized balance of the original installation cost of each light in excess of one percent.

CONTINUANCE OF SERVICE AT REQUEST OF PRIVATE PARTY

A street light which a city or town has requested the Company to discontinue, may be retained in or restored to service at the request of an individual customer of the Company who owns or occupies adjacent premises, provided that (1) the street light fixture is still in place, (2) the customer agrees in writing to pay for the service on a monthly basis at one-twelfth of the applicable annual price, and (3) the Company receives payment of the \$25.00 reactivation charge, if the light has been disconnected. The customer may terminate the agreement at any time, after 30 days' notice in writing to the Company. Upon such notice, if the city or town does not accept responsibility for payment, the Company will disconnect the light.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where applicable hereto and not inconsistent with any specific provisions hereof, are a part of this rate.

Effective January 1, 1998

Cancelling M.D.P.U. No. 953

MASSACHUSETTS ELECTRIC COMPANY

SCHEDULED INTERRUPTIBLE SERVICE RATE I-1

AVAILABILITY

Service under this rate is available only for electric equipment under the control of the Company subject to the conditions specified herein. This rate is closed to new customers as of January 1, 1997. Customers who receive service on this rate immediately prior to January 1, 1997 may remain on this rate until December 31, 2000. At that time, the Customer must either elect Standard Offer Service on another rate offering from the Company or begin to purchase power from a nonregulated supplier.

Electric service for all other purposes at the customer location will be provided under the applicable rate in effect and available.

CONDITIONS

- 1. The Customer agrees to allow interruption of power on a regular basis to certain electrical loads as discussed further below.
- 2. Electricity delivered to the electric equipment which is under the control of the Company will be metered separately from any other electricity supplied to the customer. The Company will provide, install, own and maintain the metering equipment as well as the interrupting device.
- 3. The Customer agrees to provide separate circuits for the electric equipment subject to the control of the Company which are of ample capacity and a meter socket. This auxiliary meter socket shall be installed by the Customer. It shall be wired in accordance with Company specifications such that the connected load(s) are completely de-energized by the interrupting device during control periods.
- 4. All customer loads on the interruptible circuit must be wired directly to circuit breakers in a separate load center.
- 5. The Customer agrees to permit the Company to conduct such inspections on or within the Customer's premises as the Company deems necessary to provide verification of compliance with the provisions of this rate.
- 6. Service is available under this rate at either 240 volts or 208 volts, depending on the Company's distribution system at the customer's location.

SCHEDULED INTERRUPTIBLE SERVICE RATE I-1

- 7. The minimum acceptable total load of all Customer equipment connected to the interrupting device is 15 amperes. The maximum acceptable total load is limited to 140 amperes. However, any customer with a load that exceeds 140 amperes may avail themselves of this rate upon agreement by the Company and if the Customer agrees to pay for the appropriate metering and interruption equipment which will require company approval.
- 8. The hours of interruption will vary by season. The period of interruption will not extend for more than 13 hours in a given day but those 13 hours of interruption do not necessarily have to be continuous.
- 9. This rate is not available for resale.

MONTHLY CHARGE

The Monthly Charge will be the sum of the Customer and Energy Charges:

Rates for Retail Delivery Service

<u>Customer Charge for Delivery</u> :	\$5.13 per Month
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Wires Charge per kWh 1.793¢

Rates for Standard Offer Service

Energy Charge per kWh 2.800¢

SCHEDULED INTERRUPTIBLE SERVICE RATE I-1

TRANSMISSION SERVICE COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

ACCESS COST ADJUSTMENT

The Wires Charge under this rate as set forth under "Monthly Charge" shall be adjusted from time to time in the manner described in the Company's Access Cost Adjustment Provision to reflect changes occurring on or after January 1, 1998 or the date on which retail access for all customers begins.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service.

Standard Offer Service may be terminated by a Customer upon the next scheduled meter read provided that notice of the change of supplier was received by the Company five (5) or more business days before the next scheduled meter read date.

MINIMUM CHARGE

The Monthly Minimum Charge shall be the Monthly Customer Charge.

MASSACHUSETTS ELECTRIC COMPANY SCHEDULED INTERRUPTIBLE SERVICE RATE I-1

BIMONTHLY BILLING

The Company reserves the right to read meters and render bills on a bimonthly basis. When bills are rendered bimonthly, the Customer Charge and the Minimum Charge shall be multiplied by two.

TERMS AND CONDITIONS

The Company's Terms and Conditions, in effect from time to time where not inconsistent with any specific provisions hereof, are a part of this rate.

Effective January 1, 1998